

Date: Wed, 24 Feb 93 04:30:23 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #250
To: Info-Hams

Today's Topics:

ARRL BULLETIN 17 ARLB017
Bikers Ham It up
dit on the maritime frequencies
w to login to nic.funet.fi ?
Indoor Antennas
Interlaced monoband yagis
GPS (spread spectrum) protocol tech
Uniden HR2510 mods

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 24 Feb 93 03:49:34 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!
cis.ohio-state.edu!mstar!n8emr!bulletin@network.UCSD.EDU
Subject: ARRL BULLETIN 17 ARLB017
To: info-hams@ucsd.edu

ZCZC AG58
QST DE W1AW
ARRL BULLETIN 17 ARLB017
FROM ARRL HEADQUARTERS NEWINGTON CT

FEBRUARY 23, 1993
RELAYED BY KB8NW/OBS & BARF-80 BBS
TO ALL RADIO AMATEURS

SB QST ARL ARLB017
ARLB017 SM VOTES IN

SECTION MANAGER ELECTION RESULTS

BALLOTS HAVE BEEN COUNTED IN SECTION MANAGER ELECTIONS FOR IOWA,
KENTUCKY, MONTANA AND WYOMING. THEIR TERMS OF OFFICE BEGIN APRIL 1,
1993.

THE RESULTS ARE AS FOLLOWS:

IN THE IOWA SECTION
JACK DUNCAN, K0CNM, 331
JAMES LASLEY, N0JL, 209
DUNCAN WAS DECLARED ELECTED.

IN THE KENTUCKY SECTION
STEVE MORGAN, WB4NHO, 493
CHARLES MCGINTY, WD4DLA, 123
MORGAN WAS DECLARED ELECTED.

IN THE MONTANA SECTION
DARRELL THOMAS, N7KOR, 155
ROBERT TELLER, AA7OG, 115
THOMAS WAS DECLARED ELECTED.

IN THE WYOMING SECTION
WARREN MORTON, WS7W, 96
JOHN COCHRANE, WA7H, 78
MORTON WAS DECLARED ELECTED.

FIVE OTHER SECTIONS WERE NOT CONTESTED.
THE FOLLOWING WERE DECLARED ELECTED.

IN THE ARKANSAS SECTION
ROBERT IDEKER, WB5VUH

IN THE ARIZONA SECTION
CLIFFORD HAUSER, KD6XH

IN THE MINNESOTA SECTION
RANDY "MAX" WENDEL, N0FKU

IN THE ORANGE SECTION

JOE BROWN, W6UBQ

IN THE NORTH TEXAS SECTION

ROBERT ADLER, NZ2T

NNNN

Date: Tue, 23 Feb 93 18:33:56 PST

From: sdd.hp.com!caen!destroyer!cs.ubc.ca!mala.bc.ca!oneb!ham!emd@network.UCSD.EDU

Subject: Bikers Ham It up

To: info-hams@ucsd.edu

thompson@Apple.COM (Paul Thompson) writes:

> paulb@harley.tti.com (Paul Blumstein) writes:

>

> >I have been amazed at the amount of overlap between the motorcycle
> group and the amateur radio group.

> >In my case, I chalk it up to eclectic interests.

>

> I chalk it up to electric vests. Obviously more and more motorcyclists
> are concerned about the effects of RF energy radiating from their
> electric vests, and are taking up an interest in ham radio to learn more
> about this important subject.

You're slightly mistaken, Paul. We're trying to figure out how to POWER
our electric vests FROM our radios, so we can keep warm. Course, most of
us use two metres and there's lots of hot air there. The trouble is,
receivers for twenty metres are so bulky.....

Robert Smits
VE7EMD
Ladysmith B.C.
e-mail: emd@ham.almanac.bc.ca

It may be observed
in a general way
that life would be
better, distinctly,
if more of the people
with nothing to say
were able to say it
succinctly. - Piet Hein

Date: Wed, 24 Feb 1993 05:52:04 GMT
From: news.Hawaii.Edu!news@ames.arpa
Subject: dit dit on the maritime frequencies
To: info-hams@ucsd.edu

I thought I would let those of you who are interested how the dit dit is used by the shipboard and shore station CW ops. I went through the U.S. Coast Guard Radioman School in '76 (to graduate your code speed had to be at least 20 wpm). We were taught that when operating on both the international cw freqs. and military cw freqs. the dit dit can be used in one of two ways which I will demonstrate below.

The following is a brief qso between a ship (WNSL) and a shore station (NMO [my old station: Coast Guard Radio Honolulu])

on 500 khz, the international distress and calling freq.

NMO NMO NMO DE WNSL WNSL QTC K	
WNSL DE NMO GM UP 440 K	(I'm telling him to listen on 440khz)
R 484 OK ?	(He's telling me to listen on 484khz)
R UP	
UP	
DIT DIT	
DIT DIT	(We've confirmed that we are shifting up to our respective freqs. so here the dit dit was used to say "I understand and will comply")
WNSL DE NMO QSV	(I am asking him to send some VVV VVV's)
NMO DE WNSL VVV VVV VVV	
DE NMO OK OM QRV	
(he sends his msg)	
WNSL DE NMO R QSL TKS SU	
R TU SU GN	
GN	
DIT DIT	
DIT DIT	(This time the dit dit was used the same was it is used on the ham bands EXCEPT that you don't send it as a tail - the other fellow sends it following your GN = good night, or whatever you close with)

This is how the U.S. Government taught me to use dit dit - it is used worldwide in this manner.

By the way, there is some interesting cw to be heard on the maritime freqs., 500 khz is a good place to start (late at night it opens up), along with the 8, 12 16, mhz bands - good cw practice!

Jeff Herman, NH6IL, University of Hawaii Dept. of Mathematics.
jherman@uhunix.uhcc.Hawaii.Edu jeffrey@math.hawaii.edu

Date: Mon, 22 Feb 1993 18:37:50 +0000
From: usc!howland.reston.ans.net!spool.mu.edu!yale.edu!ira.uka.de!math.fu-berlin.de!news.netmbx.de!Germany.EU.net!mcsun!sunic!seunet!pipex!demon!wise.demon.co.uk!simon@network.UCSD.EDU
Subject: How to login to nic.funet.fi ?
To: info-hams@ucsd.edu

In article <9302211402.AA20209@ucsd.edu> IQC109@uriacc.uri.edu writes:

>I am experiencing a problem when I try to FTP to nic.funet.fi which is
>a FTP site which should have some HAM/SWL files.
>When it asks for my INTERNET address I give it my address as:
>IQC109 at URIACC.URI.EDU This is my correct address. The host refuses to
>accept this and insists that I have made anvalid logon. I have also tried
>IQC109@URIACC.URI.EDU. Of course it does not translate the @ and still
>does not work. When I do get into the system, the CD command does not
>allow me to change any directories (it insists that the directory/file names
>I copy from their screen do not exist. Any hints on what I am doing wrong?
>I am assuming the directory problems may stem from the improper logon. I have
>been able to successfully log on to other systems (JPL for example) and
>move around the directories and download binary files.
>Thanks....Ken Carr
>

Sounds to me that your typing the directory names in Upper case & funic.funet.fi is expecting lower case ?

Also if I remember correctly there ftp server shows you your machine name just before the login prompt, try copying this exactly (you@yourmachie) and remember there machine is case sensitive.

Hope this helps

Regards Simon

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+-----+-----+
G1FHY	AMPR.NET - g1fhy@hub.g1fhy.ampr.org [44.131.7.128]
Simon Wise	NTS.BBS - g1fhy@gb7hsn.#32.gbr.eu
51 Hamilton Road	INTERNET - simon@wise.demon.co.uk
West Norwood	BT NET - 44-81-766-0120
London SE27 9RZ	
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Date: 24 Feb 93 01:58:23 GMT
From: olivea!gossip.pyramid.com!pyramid!infmx!woof!randall@ames.arpa

Subject: Indoor Antennas
To: info-hams@ucsd.edu

If you're willing to spend about \$350, the AEA Isoloop works great on 30m through 10m. It works better than the 1/4 wave vertical I was using for 15m. It also is a terrific receiving antenna down to 9.2 MHz- it picks up less noise than anything I've ever used.

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Date: 24 Feb 93 03:19:00 GMT
From: usc!hela.iti.org!cs.widener.edu!dsinc!ub!acsu.buffalo.edu!
ubvmsb.cc.buffalo.edu!v111qheg@network.UCSD.EDU
Subject: Interlaced monoband yagis
To: info-hams@ucsd.edu

Has anyone had any experience with multi-element (4 -> 5) interlaced monoband yagis? I would like to put up monobanders, but will have limited tower space, and can only put up 2 -> 3 antennas on one tower, and would like to cover 10 - 40 meters. Has anyone had success with such designs? Do they cut through the pile-ups? Are they good to 2 KW? Can they handle ice and wind up to 100 mph? Help!

Thanks,

Peter KB2NMV

KN2M m/2 ARRL CW 1993

160	19	13
80	89	41
40	392	81
20	1004	96
15	879	91
10	359	77

All : 2742 399 = 3 27 Million

OPS: WB2ABD WA2AOG WA2EKW W2KKZ KN2M WA2MBM KB2NMV WB2YOH

Date: Wed 24 Feb 1993 01:50:36 GMT

From: swrinde!gatech!taco!csemail.cropsci.ncsu.edu!samodena@network.UCSD.EDU
Subject: NEEDED: Info on GPS (spread spectrum) protocol technology

To: info-hams@ucsd.edu

In article <C2vyx7.8yB@panix.com> fhd@panix.com (Frank Deutschmann) writes:

>

>I am looking for a pointer to detailed info on the theoretical and
>practical aspects of spread spectrum technology; info on either spread
>spectrum in general or GPS in particular would be much appreciated!

>-frank

>EMail: fhd@panix.com | Do or do not, there is no try.

>

I just received the ARRL's Spread Spectrum Source Book in the mail this week, so I can't rate it yet.

However, trot over to a University library and look at:

Spread Spectrum Systems

Robert C. Dixon

A Wiley-International Publication

New York: John Wiley & Sons, 1984

TK5102.5 .D55 1984 (Library of Congress System Call Number)

ISBN 0-471-88309-3

This is the 2nd Edition...and there is a 1st edition.

Not too much math...well written, clear and covers all major aspects, considered "the book" to start with and lots of citations of the literature for the reader with advanced math understanding.

Steve

— — —

Date: 24 Feb 93 01:51:26 GMT

From: olivea!gossip.pyramid.com!pyramid!infmx!woof!randall@ames.arpad

Subject: Uniden HR2510 mods

To: info-hams@ucsd.edu

fred-mckenzie@ksc.nasa.gov (Fred McKenzie) writes:

>Incidentally, I've seen no mention of the HR-2600 in any of the HR-2510 or
>HTX-100 mods. Since it was discontinued while the older HR-2510 is still
>in production, I assume it is because it can't be "fixed" to work on CB!

The HR-2600 can be modified by buying a replacement microprocessor from Chipswitch in Santa Rosa, CA. I do not recommend the mod, as the processor is very difficult to replace.

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End of Info-Hams Digest V93 #250
